

Delivering **CBRS & Private LTE**

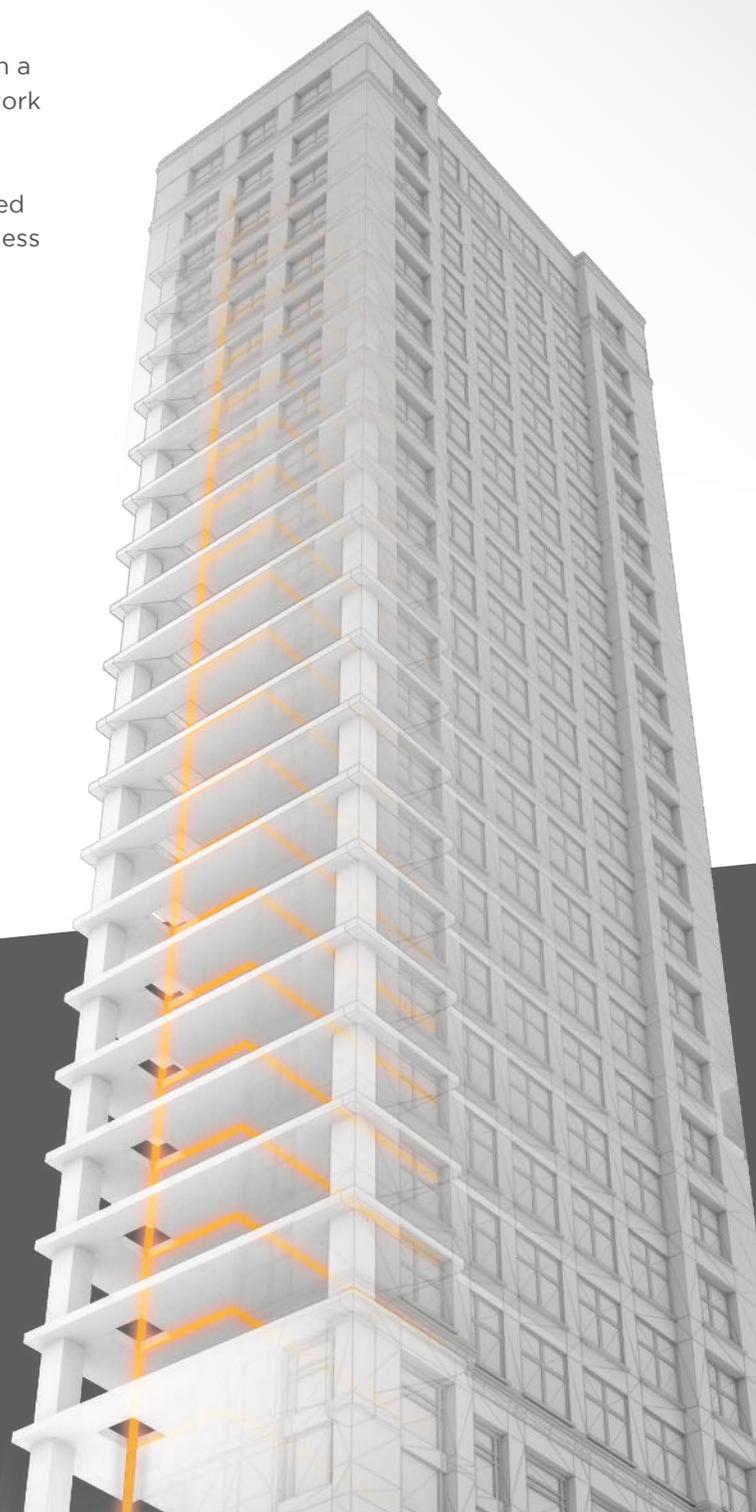
4G Mobility Service Leveraging Shared Spectrum

ExteNet's CBRS solution delivers advanced connectivity within a building, campus and outdoors as part of our distributed network (DNS) mobility solution portfolio. **Citizen Broadband Radio Service (CBRS)** is the, FCC approved, shared radio spectrum being leveraged today for LTE in the 3.5 GHz band. Categorized as part of the mid-band spectrum, CBRS delivers on the seamless wireless coverage and enhanced network capacity and throughput needs of the users and service providers.

CBRS serves multiple needs and use cases today:

- A.** Building owners looking to enhance their operational and tenant experience can do so in a quick and cost-effective manner with Private LTE
- B.** Rural carriers can upgrade that costly last mile targeting un-served and underserved households
- C.** Cable providers can provide a more robust mobile service offering than Wi-Fi and expensive inter-carrier roaming that they have traditionally relied on
- D.** Mobile network operators can utilize CBRS immediately for capacity offload
- E.** Neutral host networks become the all-important use case when deploying CBRS, as shared infrastructure is an inherent value-add

ExteNet has extensive experience building and operating CBRS networks with over 2,000 CBRS sites already under contract. We deliver the benefits of CBRS including time-to-market, seamless advanced mobility and secured connectivity by delivering a carrier-class network with a clear evolution to 5G. Our expertise is most leveraged in a consultative and advisory role as the operational network control is provided to the network owner requiring technical expertise, which is one of our core competencies and differentiators.



Our Approach

1. We assist with defining the current and future use cases for your Private LTE/5G Network
2. We design and build the CBRS network based on the plan and attributes
3. We provision and manage the network users (if needed)
4. We provide and integrate the Evolved Packet Core (EPC) network – Network EDGE
5. We provide 24/7 network operations center (NOC) support

Our Value Proposition

- We serve as the single point of contact for your infrastructure needs
- We have established carrier relationships
- We offer a quick and cost-effective “converged network-as-a-service” approach
- We adopt a consultative and partner approach
- We are experts in network deployment and operations

CBRS BENEFITS PRIVATE LTE

Reliability

Carrier-Grade, 99.999% Reliable

Mobility

Seamless Hand-Offs and Future Carrier Offload

Security

Financial PCI Compliance, SIM-Based Security, End-to-End Control

Quality of Service (QoS)

Prioritization Guaranteed Channel Access

Coverage

Better Propagation and Uplink Sensitivity

Battery Life

IoT Applications and Building Automation

Rich Ecosystem of Devices for Enterprise, Buildings and Campus Applications



About ExteNet Systems

Lisle, IL-based ExteNet Systems, Inc. designs, builds, owns and operates a Lisle, IL-based ExteNet Systems, Inc. is a leading provider of converged communications infrastructure and services addressing outdoor and in-building wireless, fiber and other advanced connectivity needs of its customers. Our customers include mobile network operators (MNOs), real estate owners, property managers, wholesale carriers, enterprises, municipalities and rural carriers. ExteNet's outdoor networks are deployed in a variety of urban, suburban and rural environments while indoor networks are typically deployed in property verticals like commercial office buildings, sports and entertainment venues, hotels and convention centers, healthcare facilities and transit systems.

For more information on ExteNet, please visit:
www.extenet.com

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